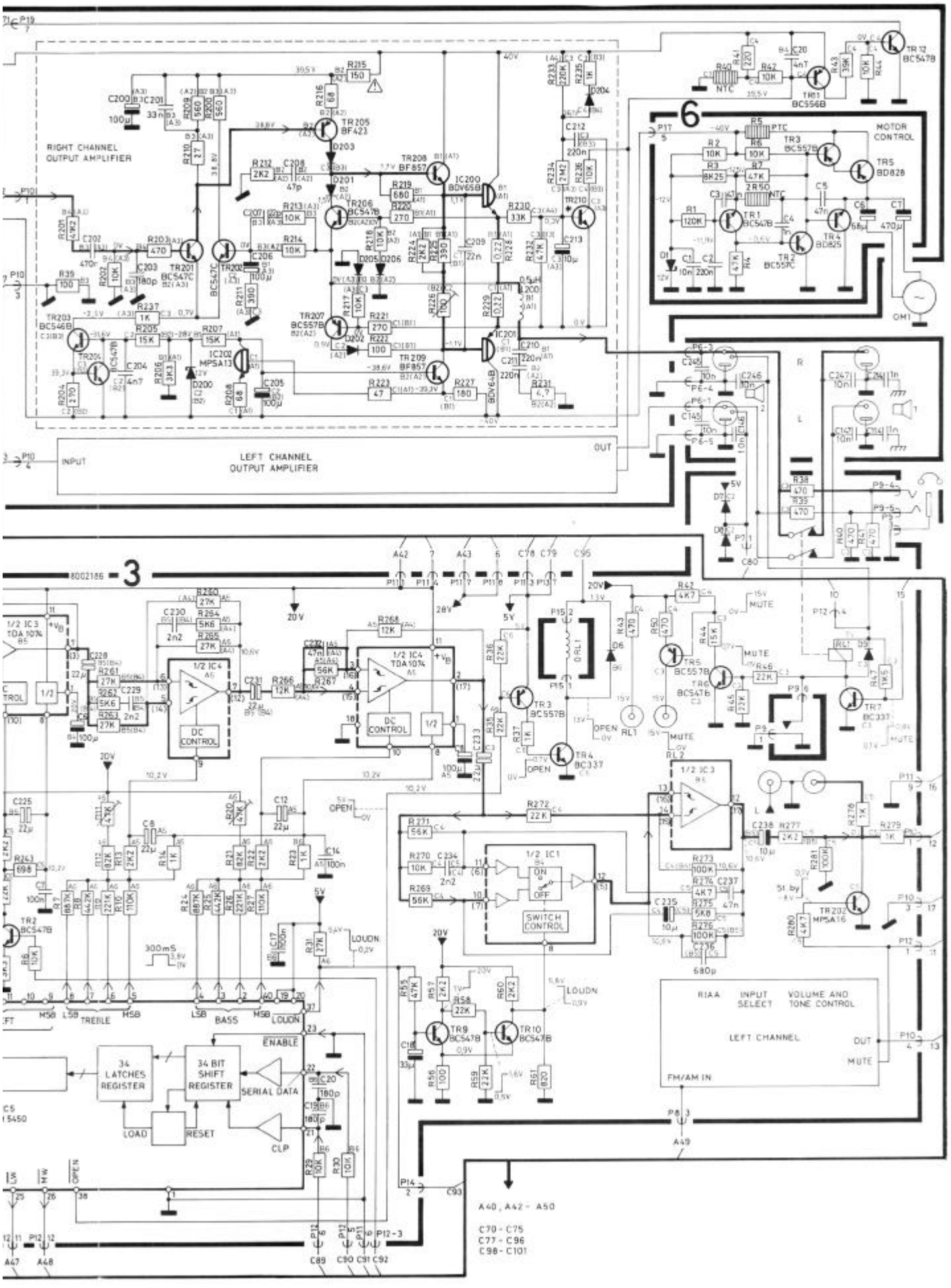
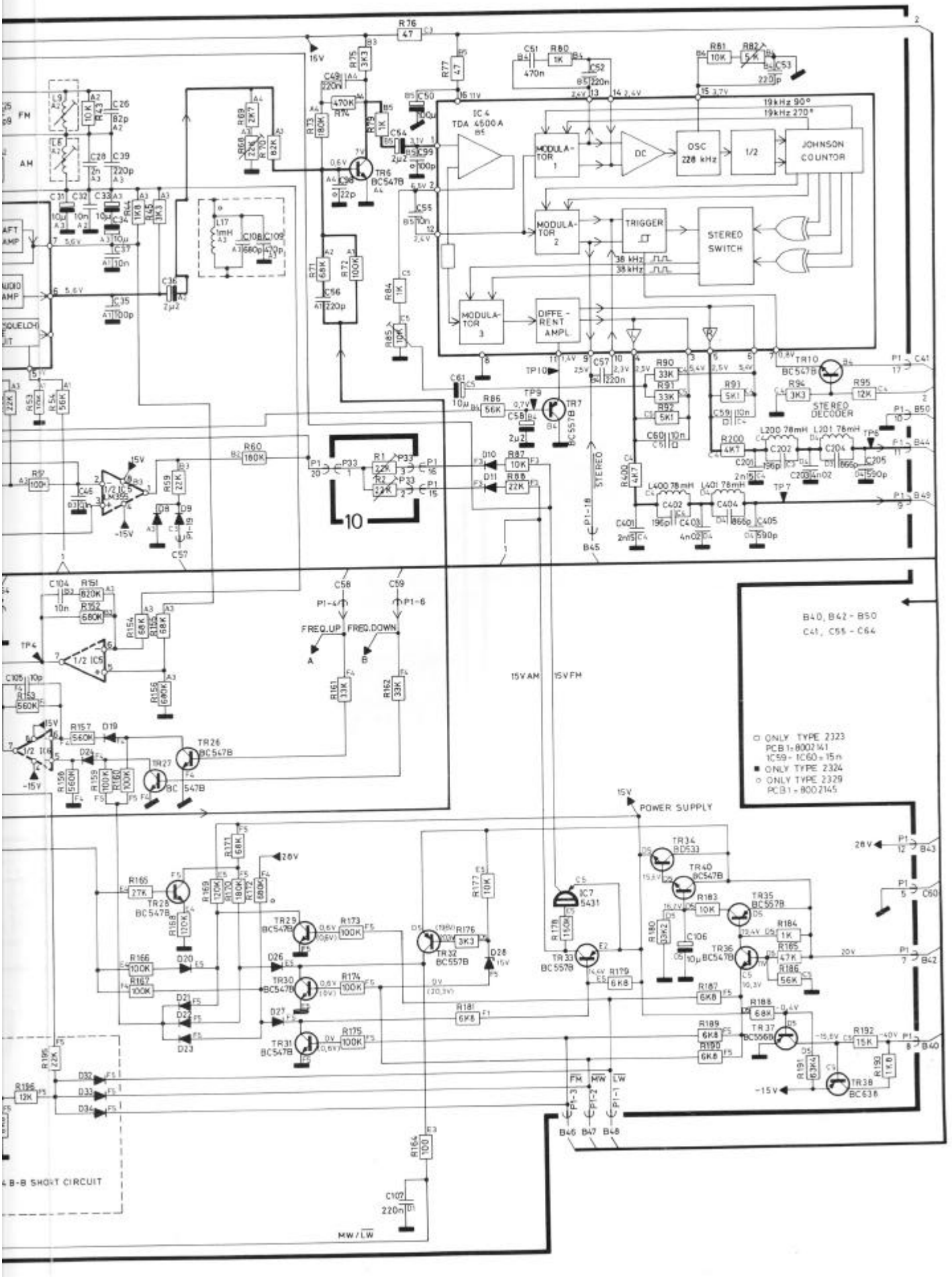
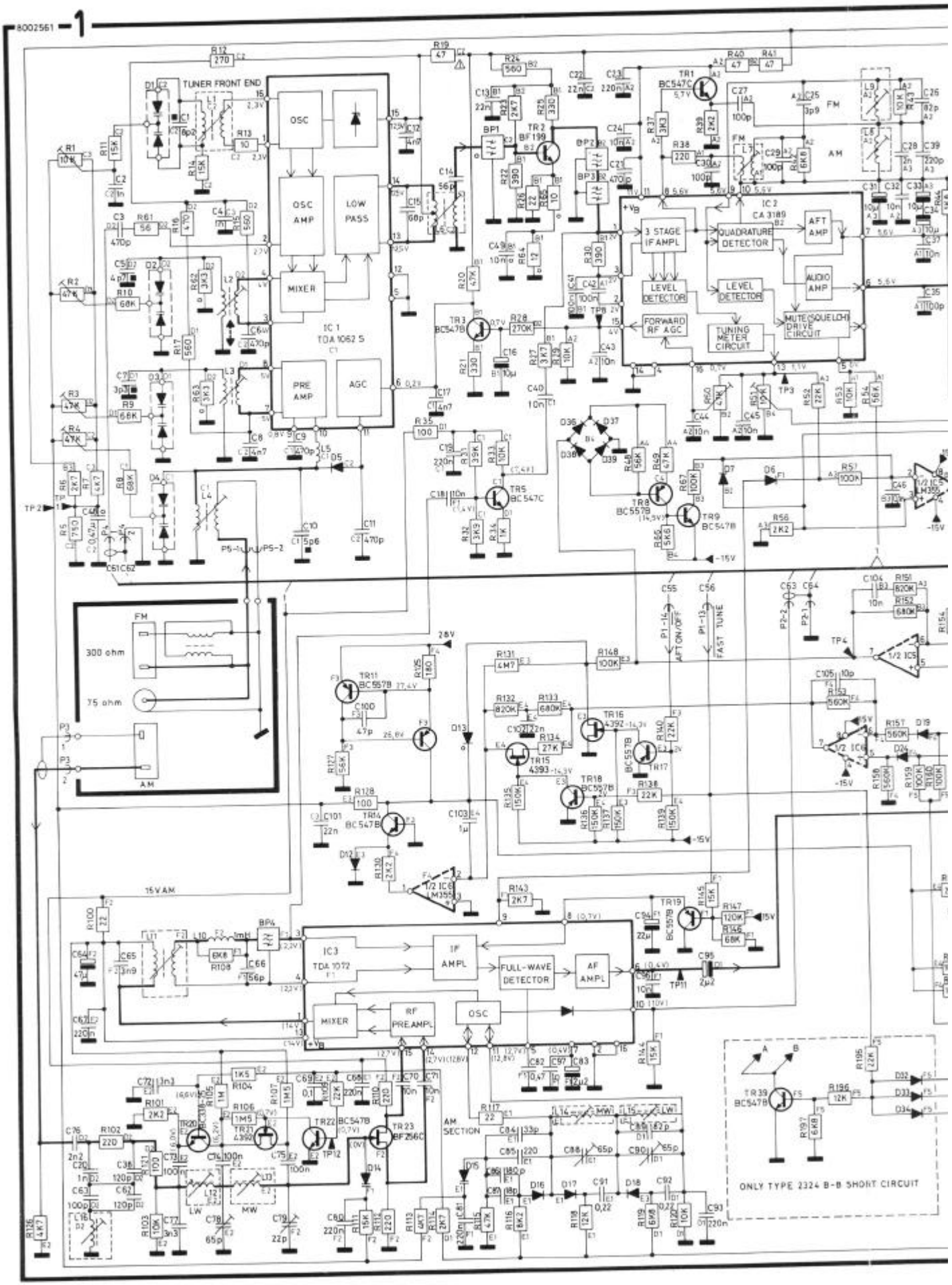

RIGHT CHANNEL
OUTPUT AMPLIFIER
LEFT CHANNEL
OUTPUT AMPLIFIER
INPUT
OUT
6
MOTOR
CONTROL
3
8002186
DC
CONTROL
SWITCH
CONTROL
34
LATCHES
REGISTER
34 BIT
SHIFT
REGISTER
SERIAL DATA
LOAD
RESET
CLP
ENABLE
MSB
LSB
TREBLE
BASS
LOUDN
RIAA
INPUT
SELECT
VOLUME AND
TONE CONTROL
LEFT CHANNEL
FM/AM IN
MUTE
OPEN
A40 , A42 - A50
C70 - C75
C77 - C96
C98 - C101


IC4 TDA 4600 A
MODULA-TOR 1
MODULA-TOR 2
MODULA-TOR 3
DC
OSC 228 kHz
1/2
JOHNSON COUNTOR
TRIGGER
STEREO SWITCH
DIFFE-RENT AMPL
19kHz 90°
19kHz 270°
38 kHz
38 kHz
STEREO DECODER
STEREO
FREQ.UP
FREQ.DOWN
15V AM
15V FM
POWER SUPPLY
B40, B42 - B50
C41, C55 - C64
□ ONLY TYPE 2323 PCB1= 8002141 IC59 - IC60 = 15n
■ ONLY TYPE 2324
○ ONLY TYPE 2329 PCB1 = 8002145
B-B SHORT CIRCUIT
MW / LW
FM
MW
LW

1-7

Diagram A


8002561 -1
TUNER FRONT END
OSC
OSC AMP
LOW PASS
MIXER
PRE AMP
AGC
IC 1 TDA 1062 S
IC 2 CA 3189
3 STAGE IF AMPL
QUADRATURE DETECTOR
AFT AMP
AUDIO AMP
LEVEL DETECTOR
FORWARD RF AGC
TUNING METER CIRCUIT
MUTE (SQUELCH) DRIVE CIRCUIT
FM
AM
300 ohm
75 ohm
IC3 TDA 1072
IF AMPL
FULL-WAVE DETECTOR
AF AMPL
RF PRE.AMPL
OSC
MIXER
AM SECTION
LW
MW
ONLY TYPE 2324 B-B SHORT CIRCUIT

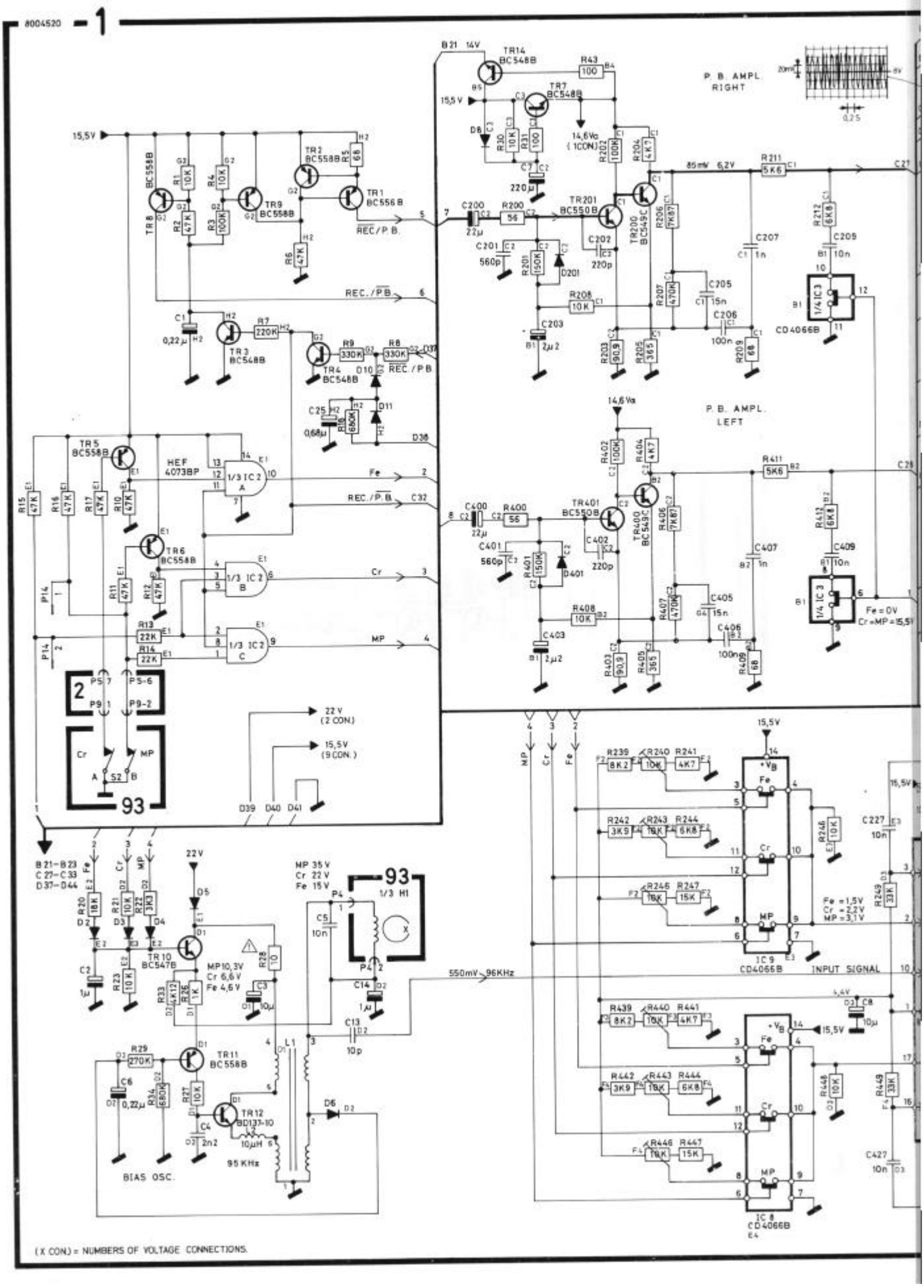



DIAGRAM A (Bias Osc., P.B. Ampl., Rec. Ampl., HX PRO)